

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application of: )  
 )  
 Applicant(s): Hiraka et al. )  
 )  
 Divisional of )  
 Serial No.: 09/428,324 )  
 )  
 Conf. No.: 4520 )  
 )  
 Filed: October 27, 1999 )  
 )  
 For: DISPLAY PANEL DRIVING... )  
 )  
 Art Unit: 2673 )  
 )  
 Examiner: Lewis, David Lee )

*I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.*

9-24-03  
 Date

*David Lee*  
 Express Mail Label No.: EV 032735153 US

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

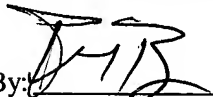
Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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 K:\1508\68361\IDS Time Period 1 & 2.DOC

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Form PTO-1449 (Rev. 8-88)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: 1508.68361	Divisional of Serial No.: 09/428,324
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicant: Hiraki et al.	
		Filing Date: October 27, 1999	Group: 2673

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,365,284	Nov. 15, 1994	Matsumoto et al.			
	6,084,562	Jul. 4, 2000	Onda			
	6,219,019	Apr. 17, 2001	Hasegawa et al.			
	6,229,512	May 8, 2001	Shigehiro			
	6,229,515	May 8, 2001	Itoh et al.			
	6,304,242	Oct. 16, 2001	Onda			
	6,310,600	Oct. 30, 2001	Koyama et al.			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	62-113129	May 25, 1987	Japan			Abs.	
	2-34818	Feb. 5, 1990	Japan			Abs.	
	6-149174	May 27, 1994	Japan			Abs.	
	07-175448	Jul. 14, 1995	Japan			Abs.	
	9-204159	Aug. 5, 1997	Japan			Abs.	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner	Date Considered
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	